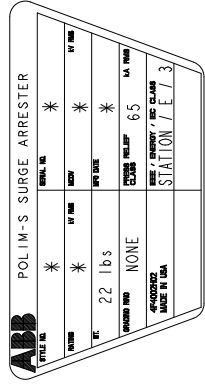
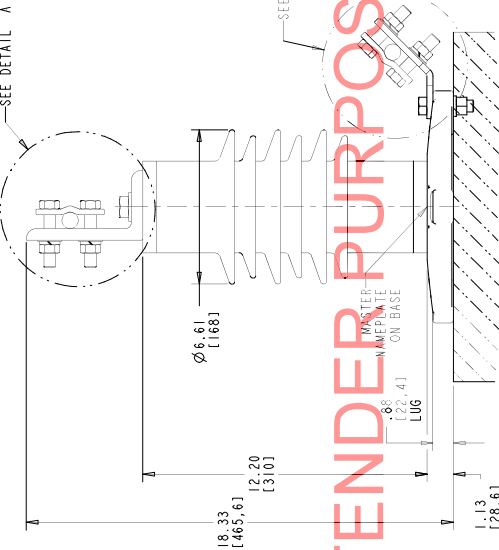
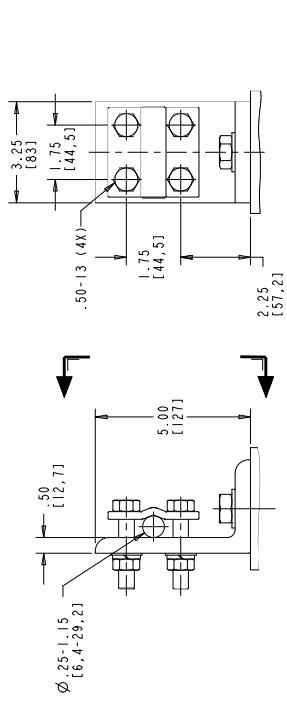


STYLE NO.	RATINGS		TOV (kV rms)	MAXIMUM RESIDUAL VOLTAGE WITH CURRENT WAVE (kV PEAK)			
	VOLTAGE V <sub>r</sub>	MCOV V <sub>mcovr</sub>		SPL (SIPL) 30/60 μS	FWO 0.5 μS		
		STANDARD CREEP					
		500 A	10 kA	20 kA	10 kA		
0012SA010A	12	10.2	Ø10 sec = 13.1	25.1	30.0	33.5	33.1
0015SA015A	15	12.7	Ø10 sec = 16.4	31.3	35.0	41.8	41.2
0018SA018A	18	15.3	Ø10 sec = 19.7	37.4	41.9	50.0	49.3
0021SA017B	21	17.0	Ø10 sec = 23.0	41.8	46.9	50.4	55.2
		EXTRA CREEP					
0003SB002A	3	2.55	Ø10 sec = 4.93	9.77	10.9	11.3	12.9
0004SB003A	4	3.40	Ø10 sec = 6.57	13.1	14.4	15.0	16.8
0005SB004A	5	4.25	Ø10 sec = 8.21	16.4	18.0	18.8	21.4
0006SB005A	6	5.10	Ø10 sec = 9.86	19.7	21.0	22.0	24.4
0007SB006A	7	5.95	Ø10 sec = 11.50	23.0	24.7	25.4	28.0
0008SB007A	8	6.80	Ø10 sec = 13.14	26.3	27.6	28.0	31.2
0009SB008B	9	7.65	Ø10 sec = 14.78	29.6	30.5	31.2	34.4
0010SB009B	10	8.40	Ø10 sec = 16.42	32.9	33.5	34.4	37.6



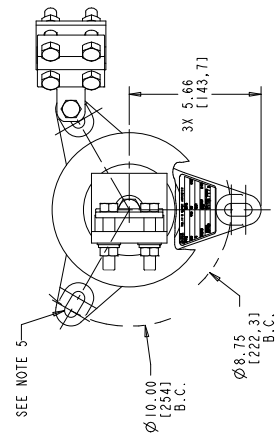
**MASTER NAMEPLATE**  
 \* ASSIGNED AT THE TIME OF PRODUCTION AND RECORDED IN THE PROPER LOCATIONS

FOR TENDER PURPOSES ONLY



**DETAIL A**  
(ENLARGED)  
SCALE 0.500  
**LINE TERMINAL (ALUMINUM)**  
(CAN BE ADJUSTED TO ANY ANGLE)

**DETAIL B**  
(ENLARGED)  
SCALE 0.500  
**GROUND TERMINAL (GALVANIZED)**  
(CAN BE ATTACHED TO ANY LUG)



**DRILLING PLAN**

ALL DIMENSIONS IN INCHES [MM] UNLESS NOTED  
 THE DRAWING IS THE PROPERTY OF ABB INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM WITHOUT THE WRITTEN PERMISSION OF ABB INC.

POLIM-S / IEEE STATIONARY / IEC CLASS 3  
 POLYMER ARRESTER  
 6 SHED HOUSING OUTLINE

ABB INC. Power Product Division 500 Distribution Circle, W. Pittsburg, PA 15066
SCALE: 1:1
DATE: 04/23/2018
BY: DJK
CHECKED: DJK
APPROVED: DJK
PROJECT: 4F4004
SHEET: 5

- NOTES:**
- FOR MINIMUM PHASE-TO-GROUND AND PHASE-TO-PHASE CLEARANCES REFER TO IEEE C62.11 AND C62.22, OTHER APPARATUS STANDARDS. SPECIFICATIONS OR LOCAL CODES MAY SUPERCEDE DISTANCES SPECIFIED.
  - ARRESTER ASSEMBLY CONSISTS OF ARRESTER UNIT, LINE & GROUND TERMINALS WITH CLAMPS, AND .50 INCH HARDWARE.
  - LINE & GROUND TERMINALS CAN ACCOMMODATE CU OR AL CABLE SIZE NO. 2 TO 1000 MCM (.25 [6.4] TO 1.15 [29.2]) D.I.A.
  - LINE & GROUND TERMINAL CLAMP CAN BE MOUNTED AS SHOWN OR AS REQUIRED FOR AS REQUIRED HARDWARE (3), EQUALLY SPACED. THICKNESS OF LUG IS .88 [22.4].
  - DESIGNED FOR VERTICAL OR HORIZONTAL MOUNT.
  - MAX. CANTILEVER LOAD 20,000 in-lbs [2260 Nm].
  - PRESSURE RELIEF CLASS IS 65 KA RMS SYMMETRICAL.
  - NOMINAL CREEPAGE DISTANCE 23.7 [601].
  - NOMINAL ARRESTER WEIGHT 22.0 lbs [10.0 kg].

01 FEBRUARY 9, 2010	STYLE 021SA017B: UPDATED
02 JULY 26, 2011	MMS 23.6
03 OCTOBER 25, 2013	DRILLING PLAN RELOCATED
04 JULY 21, 2015	NOTE 9: 23.7 WAS 22.7
05 APRIL 23, 2018	NOTE 9: 23.7 WAS 22.7 ANGLE) ADDED DJK 3.25 WAS 3.94 18.33 WAS 18.96 DETAIL A: 5.00 WAS 5.03 DETAIL B: 2.25